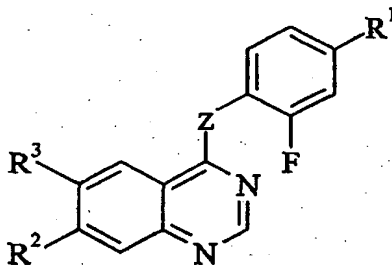


## CLAIMS

1. A compound of the formula I:



(I)

wherein:

Z is -NH-, -O- or -S-;

R<sup>1</sup> represents bromo or chloro;

10 R<sup>3</sup> represents C<sub>1-3</sub>alkoxy or hydrogen;

R<sup>2</sup> is selected from one of the following three groups:

(i) Q<sup>1</sup>X<sup>1</sup>-

wherein X<sup>1</sup> represents -O-, -S- or -NR<sup>4</sup>- wherein R<sup>4</sup> is hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl and Q<sup>1</sup> is selected from one of the following ten groups:

- 15 1) Q<sup>2</sup> (wherein Q<sup>2</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl and C<sub>1-6</sub>fluoroalkylsulphonyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy
- 20
- 25

- and a group  $-(O-)_f(C_{1-4}alkyl)_g ringD$  (wherein  $f$  is 0 or 1,  $g$  is 0 or 1 and ring  $D$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $C_{1-4}alkyl$ ),
- 5 or  $Q^2$  bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if  $Q^1$  is  $Q^2$  and  $X^1$  is  $-O-$  then  $Q^2$  must bear at least one substituent selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ , carbamoyl $C_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ , and  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$  and optionally may bear a further 1 or 2 substituents as defined herein;
- 10 2)  $C_{1-5}alkylW^1Q^2$  (wherein  $W^1$  represents  $-O-$ ,  $-S-$ ,  $-SO-$ ,  $-SO_2-$ ,  $-C(O)-$ ,  $-OC(O)-$ ,  $-NQ^3C(O)-$ ,  $-C(O)NQ^4-$ ,  $-SO_2NQ^5-$ ,  $-NQ^6SO_2-$  or  $-NQ^7-$  (wherein  $Q^3$ ,  $Q^4$ ,  $Q^5$ ,  $Q^6$  and  $Q^7$  each independently represents hydrogen,  $C_{1-3}alkyl$ ,  $C_{1-3}alkoxyC_{2-3}alkyl$ ,  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$  or  $C_{1-4}haloalkyl$ ) and  $Q^2$  is as defined herein;
- 3)  $C_{1-5}alkylQ^2$  (wherein  $Q^2$  is as defined herein);
- 15 4)  $C_{2-5}alkenylQ^2$  (wherein  $Q^2$  is as defined herein);
- 5)  $C_{2-5}alkynylQ^2$  (wherein  $Q^2$  is as defined herein);
- 6)  $C_{1-4}alkylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  represents  $-O-$ ,  $-S-$ ,  $-SO-$ ,  $-SO_2-$ ,  $-C(O)-$ ,  $-OC(O)-$ ,  $-NQ^8C(O)-$ ,  $-C(O)NQ^9-$ ,  $-SO_2NQ^{10}-$ ,  $-NQ^{11}SO_2-$  or  $-NQ^{12}-$  (wherein  $Q^8$ ,  $Q^9$ ,  $Q^{10}$ ,  $Q^{11}$  and  $Q^{12}$  each independently represents hydrogen,  $C_{1-3}alkyl$ ,  $C_{1-3}alkoxyC_{2-3}alkyl$ ,  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$  or  $C_{1-4}haloalkyl$ ) and  $Q^2$  is as defined herein);
- 20 7)  $C_{2-5}alkenylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and  $Q^2$  are as defined herein);
- 8)  $C_{2-5}alkynylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and  $Q^2$  are as defined herein);
- 9)  $C_{1-4}alkylQ^{13}(C_{1-4}alkyl)_j(W^2)_kQ^{14}$  (wherein  $W^2$  is as defined herein,  $j$  is 0 or 1,  $k$  is 0 or 1, and  $Q^{13}$  and  $Q^{14}$  are each independently selected from hydrogen,  $C_{1-3}alkyl$ , cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which  $C_{1-3}alkyl$  group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and  $C_{1-4}alkoxy$  and which cyclic group may bear 1, 2 or 3 substituents selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-6}fluoroalkyl$ ,  $C_{1-6}alkanoyl$ ,  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,
- 25  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $C_{1-6}fluoroalkanoyl$ , carbamoyl,  $C_{1-4}alkylcarbamoyl$ ,  $di(C_{1-4}alkyl)carbamoyl$ , carbamoyl $C_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ ,  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$ ,  $C_{1-6}alkylsulphonyl$ ,  $C_{1-6}fluoroalkylsulphonyl$ , oxo, hydroxy, halogeno, cyano,  $C_{1-4}cyanoalkyl$ ,  $C_{1-4}alkyl$ ,  $C_{1-4}hydroxyalkyl$ ,  $C_{1-4}alkoxy$ ,  $C_{1-4}alkoxyC_{1-4}alkyl$ );

- 4alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group  $-(O)_f(C_{1-4}alkyl)_g ringD$  (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), with the provisos that Q<sup>13</sup> cannot be hydrogen and one or both of Q<sup>13</sup> and Q<sup>14</sup> must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl and C<sub>1-6</sub>fluoroalkylsulphonyl and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and
- 10) C<sub>1-4</sub>alkylQ<sup>13</sup>-C(O)-C<sub>1-4</sub>alkylQ<sup>14n</sup> wherein Q<sup>13</sup> is as defined herein and is not hydrogen and Q<sup>14n</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at least one nitrogen atom and optionally containing a further heteroatom selected from N and O wherein Q<sup>14n</sup> is linked to C<sub>1-6</sub>alkyl via a nitrogen atom or a carbon atom and wherein Q<sup>14n</sup> optionally bears 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group  $-(O)_f(C_{1-4}alkyl)_g ringD$  (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl) or Q<sup>14n</sup> bears a single substituent selected from methylenedioxy and ethylenedioxy);
- (ii) Q<sup>15</sup>W<sup>3</sup>.

wherein  $W^3$  represents  $-NQ^{16}C(O)-$ ,  $-C(O)NQ^{17}-$ ,  $-SO_2NQ^{18}-$ ,  $-NQ^{19}SO_2-$  or  $-NQ^{20}-$  (wherein  $Q^{16}$ ,  $Q^{17}$ ,  $Q^{18}$ ,  $Q^{19}$  and  $Q^{20}$  each independently represents  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-4}$ haloalkyl), and  $Q^{15}$  is  $C_{1-6}$ haloalkyl,  $C_{2-5}$ alkenyl or  $C_{2-5}$ alkynyl; and

- (iii)  $Q^{21}W^4C_{1-5}alkylX^1$  wherein  $X^1$  is as defined herein,  $W^4$  represents  $-NQ^{22}C(O)-$ ,  $-C(O)NQ^{23}-$ ,  $-SO_2NQ^{24}-$ ,  $-NQ^{25}SO_2-$  or  $-NQ^{26}-$  (wherein  $Q^{22}$ ,  $Q^{23}$ ,  $Q^{24}$ ,  $Q^{25}$  and  $Q^{26}$  each independently represents hydrogen,  $C_{1-3}$ alkyl,  $C_{1-3}$ alkoxy $C_{2-3}$ alkyl,  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl or  $C_{1-4}$ haloalkyl), and  $Q^{21}$  represents  $C_{1-6}$ haloalkyl,  $C_{2-5}$ alkenyl or  $C_{2-5}$ alkynyl; or a salt thereof.

2. A compound according to claim 1 wherein Z is  $-NH-$ .

3. A compound according to claim 1 or claim 2 wherein  $R^3$  is methoxy.

4. A compound according to any one of claims 1, 2 and 3 wherein  $X^1$  is  $-O-$ .

5. A compound according to any one of the preceding claims wherein  $R^2$  is selected from group (ii) of the groups (i), (ii) and (iii) defined in claim 1.

6. A compound according to any one of the preceding claims wherein  $R^2$  is selected from group (iii) of the groups (i), (ii) and (iii) defined in claim 1.

7. A compound according to any one of the preceding claims wherein  $R^2$  is selected from group (i) of the groups (i), (ii) and (iii) defined in claim 1.

8. A compound according to claim 7 wherein  $R^2$  is  $Q^1X^1$  - wherein  $X^1$  is as defined in claim 1 and  $Q^1$  is selected from one of the following ten groups:

- 1)  $Q^2$  (wherein  $Q^2$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl and  $C_{1-6}$ fluoroalkylsulphonyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,

- $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl, di( $C_{1-4}$ alkyl)carbamoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cyanoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino, di( $C_{1-4}$ alkyl)amino,  $C_{1-4}$ alkylamino $C_{1-4}$ alkyl, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkyl,  $C_{1-4}$ alkylamino $C_{1-4}$ alkoxy, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkoxy and a group  $-(O-)_f(C_{1-4}alkyl)_g ring D$  (wherein  $f$  is 0 or 1,  $g$  is 0 or 1 and ring  $D$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $C_{1-4}alkyl$ ), or  $Q^2$  bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if  $Q^1$  is  $Q^2$  and  $X^1$  is  $-O-$  then  $Q^2$  must bear at least one substituent selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ , carbamoyl $C_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ , and di( $C_{1-4}alkyl$ )carbamoyl $C_{1-6}alkyl$  and optionally may bear a further 1 or 2 substituents as defined herein;
- 2)  $C_{1-5}alkylW^1Q^2$  (wherein  $W^1$  represents  $-O-$ ,  $-S-$ ,  $-SO-$ ,  $-SO_2-$ ,  $-C(O)-$ ,  $-OC(O)-$ ,  $-NQ^3C(O)-$ ,  $-C(O)NQ^4-$ ,  $-SO_2NQ^5-$ ,  $-NQ^6SO_2-$  or  $-NQ^7-$  (wherein  $Q^3$ ,  $Q^4$ ,  $Q^5$ ,  $Q^6$  and  $Q^7$  each independently represents hydrogen,  $C_{1-3}alkyl$ ,  $C_{1-3}alkoxyC_{2-3}alkyl$ ,  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$  or  $C_{1-4}haloalkyl$ ) and  $Q^2$  is as defined herein;
- 3)  $C_{1-5}alkylQ^2$  (wherein  $Q^2$  is as defined herein);
- 4)  $C_{2-5}alkenylQ^2$  (wherein  $Q^2$  is as defined herein);
- 5)  $C_{2-5}alkynylQ^2$  (wherein  $Q^2$  is as defined herein);
- 25 6)  $C_{1-4}alkylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  represents  $-O-$ ,  $-S-$ ,  $-SO-$ ,  $-SO_2-$ ,  $-C(O)-$ ,  $-OC(O)-$ ,  $-NQ^8C(O)-$ ,  $-C(O)NQ^9-$ ,  $-SO_2NQ^{10}-$ ,  $-NQ^{11}SO_2-$  or  $-NQ^{12}-$  (wherein  $Q^8$ ,  $Q^9$ ,  $Q^{10}$ ,  $Q^{11}$  and  $Q^{12}$  each independently represents hydrogen,  $C_{1-3}alkyl$ ,  $C_{1-3}alkoxyC_{2-3}alkyl$ ,  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$  or  $C_{1-4}haloalkyl$ ) and  $Q^2$  is as defined herein);
- 7)  $C_{2-5}alkenylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and  $Q^2$  are as defined herein);
- 30 8)  $C_{2-5}alkynylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and  $Q^2$  are as defined herein);
- 9)  $C_{1-4}alkylQ^{13}(C_{1-4}alkyl)_j(W^2)_kQ^{14}$  (wherein  $W^2$  is as defined herein,  $j$  is 0 or 1,  $k$  is 0 or 1, and  $Q^{13}$  and  $Q^{14}$  are each independently selected from hydrogen,  $C_{1-3}alkyl$ , cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2

- heteroatoms, selected independently from O, S and N, which C<sub>1-3</sub>alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C<sub>1-4</sub>alkoxy and which cyclic group may bear 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl,
- 5 C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino,
- 10 di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group  $-(O-)_f(C_{1-4}alkyl)_g$ ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), with the provisos that Q<sup>13</sup>
- 15 cannot be hydrogen and one or both of Q<sup>13</sup> and Q<sup>14</sup> must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl,
- 20 carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl and C<sub>1-6</sub>fluoroalkylsulphonyl and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and
- 10) C<sub>1-4</sub>alkylQ<sup>13</sup>-C(O)-C<sub>1-4</sub>alkylQ<sup>14n</sup> wherein Q<sup>13</sup> is as defined herein and is not hydrogen and Q<sup>14n</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at
- 25 least one nitrogen atom and optionally containing a further heteroatom selected from N and O wherein Q<sup>14n</sup> is linked to C<sub>1-6</sub>alkyl via a nitrogen atom and wherein Q<sup>14n</sup> optionally bears 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl,
- 30 di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino,

di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group  $-(O-)_f(C_{1-4}alkyl)_g ring D$  (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl) or Q<sup>14n</sup> bears a single substituent selected from methylenedioxy and ethylenedioxy).

9. A compound according to claim 7 wherein R<sup>2</sup> is Q<sup>1</sup>X<sup>1</sup>- wherein X<sup>1</sup> is as defined in claim 1 and Q<sup>1</sup> is selected from one of the following ten groups:

- 10 1) Q<sup>2</sup> (wherein Q<sup>2</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group  $-(O-)_f(C_{1-4}alkyl)_g ring D$  (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), or Q<sup>2</sup> bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if Q<sup>1</sup> is Q<sup>2</sup> and X<sup>1</sup> is -O- then Q<sup>2</sup> must bear at least one substituent selected from C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl and optionally may bear a further 1 or 2 substituents as defined herein;

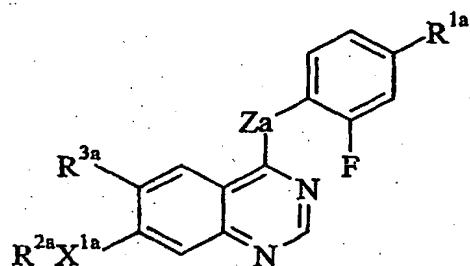
- 2)  $C_{1-5}alkylW^1Q^2$  (wherein  $W^1$  represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -C(O)-, -OC(O)-, -NQ<sup>3</sup>C(O)-, -C(O)NQ<sup>4</sup>-, -SO<sub>2</sub>NQ<sup>5</sup>-, -NQ<sup>6</sup>SO<sub>2</sub>- or -NQ<sup>7</sup>- (wherein Q<sup>3</sup>, Q<sup>4</sup>, Q<sup>5</sup>, Q<sup>6</sup> and Q<sup>7</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl, C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl or C<sub>1-4</sub>haloalkyl) and Q<sup>2</sup> is as defined herein;
- 5 3)  $C_{1-5}alkylQ^2$  (wherein Q<sup>2</sup> is as defined herein);
- 4)  $C_{2-5}alkenylQ^2$  (wherein Q<sup>2</sup> is as defined herein);
- 5)  $C_{2-5}alkynylQ^2$  (wherein Q<sup>2</sup> is as defined herein);
- 6)  $C_{1-4}alkylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -C(O)-, -OC(O)-, -NQ<sup>8</sup>C(O)-, -C(O)NQ<sup>9</sup>-, -SO<sub>2</sub>NQ<sup>10</sup>-, -NQ<sup>11</sup>SO<sub>2</sub>- or -NQ<sup>12</sup>- (wherein Q<sup>8</sup>, Q<sup>9</sup>, Q<sup>10</sup>, Q<sup>11</sup> and Q<sup>12</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl, C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl or C<sub>1-4</sub>haloalkyl) and Q<sup>2</sup> is as defined herein);
- 10 7)  $C_{2-5}alkenylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and Q<sup>2</sup> are as defined herein);
- 8)  $C_{2-5}alkynylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and Q<sup>2</sup> are as defined herein);
- 9)  $C_{1-4}alkylQ^{13}(C_{1-4}alkyl)_j(W^2)_kQ^{14}$  (wherein  $W^2$  is as defined herein, j is 0 or 1, k is 0 or 1, and Q<sup>13</sup> and Q<sup>14</sup> are each independently a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear 1, 2 or 3 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), with the proviso that one or both of Q<sup>13</sup> and Q<sup>14</sup> bears at least one
- 15 20 25 30 substituent selected from aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and



- 10)  $C_{1-4}alkylQ^{13}-C(O)-C_{1-4}alkylQ^{14n}$  wherein  $Q^{13}$  is as defined herein and  $Q^{14n}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at least one nitrogen atom and optionally containing a further heteroatom selected from N and O wherein  $Q^{14n}$  is linked to  $C_{1-6}alkyl$  via a nitrogen atom or a carbon atom and wherein  $Q^{14n}$  optionally
- 5 bears 1, 2 or 3 substituents selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-6}fluoroalkyl$ ,  $C_{1-6}alkanoyl$ ,  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $C_{1-6}fluoroalkanoyl$ ,  $carbamoyl$ ,  $C_{1-4}alkylcarbamoyl$ ,  $di(C_{1-4}alkyl)carbamoyl$ ,  $carbamoylC_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ ,  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$ ,  $C_{1-6}alkylsulphonyl$ ,  $C_{1-6}fluoroalkylsulphonyl$ , oxo, hydroxy,
- 10 halogeno, cyano,  $C_{1-4}cyanoalkyl$ ,  $C_{1-4}alkyl$ ,  $C_{1-4}hydroxyalkyl$ ,  $C_{1-4}alkoxy$ ,  $C_{1-4}alkoxyC_{1-4}alkyl$ ,  $C_{1-4}alkylsulphonylC_{1-4}alkyl$ ,  $C_{1-4}alkoxycarbonyl$ ,  $C_{1-4}aminoalkyl$ ,  $C_{1-4}alkylamino$ ,  $di(C_{1-4}alkyl)amino$ ,  $C_{1-4}alkylaminoC_{1-4}alkyl$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkyl$ ,  $C_{1-4}alkylaminoC_{1-4}alkoxy$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkoxy$  and a group  $-(O)_f(C_{1-4}alkyl)_gringD$  (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic
- 15 group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $C_{1-4}alkyl$ ) or  $Q^{14n}$  bears a single substituent selected from methylenedioxy and ethylenedioxy).

10. A compound according to claim 1 of the formula Ia:

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(Ia)

wherein:

$Z^a$  is  $-NH-$ ,  $-O-$  or  $-S-$ ;

- 25  $R^{1a}$  represents bromo or chloro;

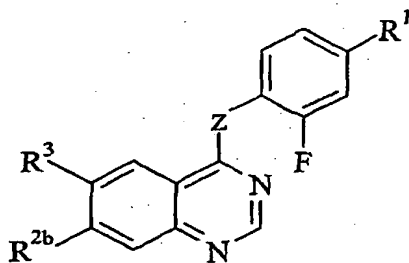
$R^{3a}$  represents  $C_{1-3}alkoxy$  or hydrogen;

$X^{1a}$  represents  $-O-$ ,  $-S-$  or  $-NR^{4a}-$  wherein  $R^{4a}$  is hydrogen,  $C_{1-3}alkyl$  or  $C_{1-3}alkoxyC_{2-3}alkyl$ ;

$R^{2a}$  is selected from one of the following groups:

- 1)  $C_{1-5}alkylR^{5a}$  (wherein  $R^{5a}$  is a 5- or 6-membered heterocyclic ring selected from morpholine, pyrrolidine, piperidine and piperazine which heterocyclic ring bears at least one substituent selected from amino $C_{2-4}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-4}alkanoyl$ , di( $C_{1-4}alkyl$ )amino $C_{2-4}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-4}alkanoyl$ , methylenedioxy and ethylenedioxy);
- 2)  $C_{2-5}alkenylR^{5a}$  (wherein  $R^{5a}$  is as defined herein);
- 3)  $C_{2-5}alkynylR^{5a}$  (wherein  $R^{5a}$  is as defined herein);
- 4)  $C_{1-5}alkylR^{6a}C(O)(CH_2)_{ma}R^{7a}$  (wherein  $ma$  is 1 or 2,  $R^{6a}$  is a 5- or 6-membered heterocyclic ring selected from morpholine, pyrrolidine, piperidine and piperazine which heterocyclic ring may bear one or two substituents selected from fluoro, hydroxy and methyl, and  $R^{7a}$  is a 5- or 6-membered heterocyclic ring selected from pyrrolidine, piperidine, piperazine and morpholine which heterocyclic ring is linked to  $(CH_2)_{ma}$  via a nitrogen atom or a carbon atom and which heterocyclic ring may bear one or more substituents selected from hydroxy, halogeno,  $C_{1-4}alkanoyl$ , methylenedioxy and ethylenedioxy); and
- 5)  $C_{1-5}alkylR^{6a}(CH_2)_{ma}C(O)R^{8a}$  (wherein  $ma$  and  $R^{6a}$  are as defined herein and  $R^{8a}$  is a 5- or 6-membered heterocyclic ring selected from pyrrolidine, piperidine, piperazine and morpholine which heterocyclic ring is linked to  $C(O)$  via a nitrogen atom or a carbon atom and which heterocyclic ring may bear one or more substituents selected from hydroxy, halogeno,  $C_{1-4}alkanoyl$ , methylenedioxy and ethylenedioxy)
- or a salt thereof.

11. A compound according to claim 1 of the formula Ib:



(Ib)

wherein:

$Z$ ,  $R^1$  and  $R^3$  are as defined in claim 1 and

$R^{2b}$  is selected from one of the following three groups:

(i)  $Q^{1b}X^1$ .

wherein  $X^1$  is as defined in claim 1 and  $Q^{1b}$  is selected from one of the following ten groups:

- 1)  $Q^{2b}$  (wherein  $Q^{2b}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl and  $C_{1-6}$ fluoroalkylsulphonyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl, di( $C_{1-4}$ alkyl)carbamoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cyanoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino, di( $C_{1-4}$ alkyl)amino,  $C_{1-4}$ alkylamino $C_{1-4}$ alkyl, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkyl,  $C_{1-4}$ alkylamino $C_{1-4}$ alkoxy, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkoxy and a group  $-(O-)_f(C_{1-4}alkyl)_g$ ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $C_{1-4}$ alkyl), or  $Q^{2b}$  bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if  $Q^{1b}$  is  $Q^{2b}$  and  $X^1$  is -O- then  $Q^{2b}$  must bear at least one substituent selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, and di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl and optionally may bear a further 1 or 2 substituents as defined herein;
- 2)  $C_{1-5}$ alkyl $W^1Q^2$  (wherein  $W^1$  and  $Q^2$  are as defined in claim 1);
- 3)  $C_{1-5}$ alkyl $Q^{2b}$  (wherein  $Q^{2b}$  is as defined herein);
- 4)  $C_{2-5}$ alkenyl $Q^2$  (wherein  $Q^2$  is as defined in claim 1);
- 5)  $C_{2-5}$ alkynyl $Q^2$  (wherein  $Q^2$  is as defined in claim 1);
- 6)  $C_{1-4}$ alkyl $W^2C_{1-4}$ alkyl $Q^2$  (wherein  $W^2$  and  $Q^2$  are as defined in claim 1);
- 7)  $C_{2-5}$ alkenyl $W^2C_{1-4}$ alkyl $Q^2$  (wherein  $W^2$  and  $Q^2$  are as defined in claim 1);
- 8)  $C_{2-5}$ alkynyl $W^2C_{1-4}$ alkyl $Q^2$  (wherein  $W^2$  and  $Q^2$  are as defined in claim 1);

- 9)  $C_{1-4}alkylQ^{13b}(C_{1-4}alkyl)_j(W^2)_kQ^{14b}$  (wherein  $W^2$  is as defined in claim 1,  $j$  is 0 or 1,  $k$  is 0 or 1, and  $Q^{13b}$  and  $Q^{14b}$  are each independently selected from hydrogen,  $C_{1-3}alkyl$ , cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which  $C_{1-3}alkyl$  group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and  $C_{1-4}alkoxy$  and which cyclic group may bear 1, 2 or 3 substituents selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-6}fluoroalkyl$ ,  $C_{1-6}alkanoyl$ ,  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $C_{1-6}fluoroalkanoyl$ ,  $carbamoyl$ ,  $C_{1-4}alkylcarbamoyl$ ,  $di(C_{1-4}alkyl)carbamoyl$ ,  $carbamoylC_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ ,  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$ ,  $C_{1-6}alkylsulphonyl$ ,  $C_{1-6}fluoroalkylsulphonyl$ , oxo, hydroxy, halogeno, cyano,  $C_{1-4}cyanoalkyl$ ,  $C_{1-4}alkyl$ ,  $C_{1-4}hydroxyalkyl$ ,  $C_{1-4}alkoxy$ ,  $C_{1-4}alkoxyC_{1-4}alkyl$ ,  $C_{1-4}alkylsulphonylC_{1-4}alkyl$ ,  $C_{1-4}alkoxycarbonyl$ ,  $C_{1-4}aminoalkyl$ ,  $C_{1-4}alkylamino$ ,  $di(C_{1-4}alkyl)amino$ ,  $C_{1-4}alkylaminoC_{1-4}alkyl$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkyl$ ,  $C_{1-4}alkylaminoC_{1-4}alkoxy$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkoxy$  and a group  $-(O-)_f(C_{1-4}alkyl)_gringD$  (wherein  $f$  is 0 or 1,  $g$  is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $C_{1-4}alkyl$ ), with the provisos that  $Q^{13b}$  cannot be hydrogen and one or both of  $Q^{13b}$  and  $Q^{14b}$  must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-6}fluoroalkyl$ ,  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $C_{1-6}fluoroalkanoyl$ ,  $carbamoyl$ ,  $C_{1-4}alkylcarbamoyl$ ,  $di(C_{1-4}alkyl)carbamoyl$ ,  $carbamoylC_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ ,  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$  and  $C_{1-6}fluoroalkylsulphonyl$  and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and
- 10)  $C_{1-4}alkylQ^{13}-C(O)-C_{1-4}alkylQ^{14n}$  (wherein  $Q^{13}$  and  $Q^{14n}$  are as defined in claim 1);
- (ii)  $Q^{15}W^3$  (wherein  $W^3$  and  $Q^{15}$  are defined in claim 1); and
- (iii)  $Q^{21}W^4C_{1-5}alkylX^1$  (wherein  $X^1$ ,  $W^4$  and  $Q^{21}$  are as defined in claim 1);
- or a salt thereof.

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12. A compound according to claim 11 wherein  $R^{2b}$  is  $Q^{1b}X^1$  wherein  $X^1$  is as defined in claim 1 and  $Q^{1b}$  is selected from one of the following ten groups:

- 1)  $Q^{2b}$  (wherein  $Q^{2b}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl and di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl, di( $C_{1-4}$ alkyl)carbamoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cyanoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino, di( $C_{1-4}$ alkyl)amino,  $C_{1-4}$ alkylamino $C_{1-4}$ alkyl, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkyl,  $C_{1-4}$ alkylamino $C_{1-4}$ alkoxy, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkoxy and a group  $-(O-)_f(C_{1-4}alkyl)_g$ ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $C_{1-4}$ alkyl), or  $Q^{2b}$  bears a single substituent selected from methylenedioxy and ethylenedioxy);
- 2)  $C_{1-5}alkylW^1Q^{2b}$  (wherein  $W^1$  is as defined in claim 1 and  $Q^{2b}$  is as defined herein);
- 3)  $C_{1-5}alkylQ^{2b}$  (wherein  $Q^{2b}$  is as defined herein);
- 4)  $C_{2-5}alkenylQ^{2b}$  (wherein  $Q^{2b}$  is as defined herein);
- 5)  $C_{2-5}alkynylQ^{2b}$  (wherein  $Q^{2b}$  is as defined herein);
- 6)  $C_{1-4}alkylW^2C_{1-4}alkylQ^{2b}$  (wherein  $W^2$  is as defined in claim 1 and  $Q^{2b}$  is as defined herein);
- 7)  $C_{2-5}alkenylW^2C_{1-4}alkylQ^{2b}$  (wherein  $W^2$  is as defined in claim 1 and  $Q^{2b}$  is as defined herein);
- 8)  $C_{2-5}alkynylW^2C_{1-4}alkylQ^{2b}$  (wherein  $W^2$  is as defined in claim 1 and  $Q^{2b}$  is as defined herein);
- 9)  $C_{1-4}alkylQ^{13b}(C_{1-4}alkyl)_j(W^2)_kQ^{14b}$  (wherein  $W^2$  is as defined in claim 1, j is 0 or 1, k is 0 or 1, and  $Q^{13b}$  and  $Q^{14b}$  are each independently selected from hydrogen,  $C_{1-3}$ alkyl, cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which  $C_{1-3}$ alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and  $C_{1-4}$ alkoxy and which cyclic group may bear 1, 2 or 3 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cyanoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino, di( $C_{1-4}$ alkyl)amino,  $C_{1-4}$ alkylamino $C_{1-4}$ alkyl, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkyl,  $C_{1-4}$ alkylamino $C_{1-4}$ alkoxy, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkoxy and a group  $-(O-)_f(C_{1-4}alkyl)_g$ ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $C_{1-4}$ alkyl), or  $Q^{2b}$  bears a single substituent selected from methylenedioxy and ethylenedioxy);

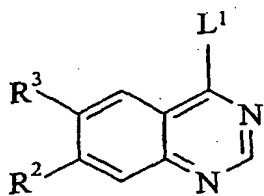
- <sub>6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy,
- 5 halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group  $(-O-)_f(C_{1-4}alkyl)_g ringD$  (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic
- 10 group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), with the provisos that Q<sup>13b</sup> cannot be hydrogen and one or both of Q<sup>13b</sup> and Q<sup>14b</sup> must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl and which heterocyclic group
- 15 optionally bears 1 or 2 further substituents selected from those defined herein); and
- 10) C<sub>1-4</sub>alkylQ<sup>13b</sup>-C(O)-C<sub>1-4</sub>alkylQ<sup>14b</sup> (wherein Q<sup>13b</sup> and Q<sup>14b</sup> are as defined herein and with the provisos that Q<sup>13b</sup> cannot be hydrogen and one or both of Q<sup>13b</sup> and Q<sup>14b</sup> must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which
- 20 heterocyclic group bears at least one substituent selected from C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein).
- 25 13. A compound according to claim 1 selected from:
- 4-(4-bromo-2-fluoroanilino)-7-({1-[(N,N-dimethylamino)acetyl]piperidin-4-yl}methoxy)-6-methoxyquinazoline,
- 4-(4-chloro-2-fluoroanilino)-7-({1-[(N,N-dimethylamino)acetyl]piperidin-4-yl}methoxy)-6-methoxyquinazoline,
- 30 4-(4-chloro-2-fluoroanilino)-6-methoxy-7-{{1-(pyrrolidin-1-ylacetyl)piperidin-4-yl}methoxy} quinazoline,
- 4-(4-chloro-2-fluoroanilino)-6-methoxy-7-{{1-(piperidin-1-ylacetyl)piperidin-4-yl}methoxy} quinazoline,

- 4-(4-chloro-2-fluoroanilino)-6-methoxy-7-([1-(morpholin-4-ylacetyl)piperidin-4-yl]methoxy)quinazoline,  
4-(4-chloro-2-fluoroanilino)-6-methoxy-7-({1-[(3*aR*,6*aS*)-tetrahydro-5*H*-[1,3]dioxolo[4,5-*c*]pyrrol-5-ylacetyl]piperidin-4-yl}methoxy)quinazoline,  
5 7-({1-[(4-acetylpiperazin-1-yl)acetyl]piperidin-4-yl}methoxy)-4-(4-chloro-2-fluoroanilino)-6-methoxyquinazoline,  
(3*S*)-4-(4-chloro-2-fluoroanilino)-7-({1-[(3-hydroxypyrrolidin-1-yl)acetyl]piperidin-4-yl}methoxy)-6-methoxyquinazoline,  
4-(4-chloro-2-fluoroanilino)-6-methoxy-7-[(1-{[*N*-(2-methoxyethyl)amino]acetyl}piperidin-4-yl]methoxy)quinazoline,  
10 4-(4-chloro-2-fluoroanilino)-6-methoxy-7-({1-[(*N*-methylamino)acetyl]piperidin-4-yl}methoxy)quinazoline,  
4-(4-chloro-2-fluoroanilino)-7-({1-[(3,3-difluoropyrrolidin-1-yl)acetyl]piperidin-4-yl}methoxy)-6-methoxyquinazoline,  
15 4-(4-chloro-2-fluoroanilino)-7-(2-{1-[(*N,N*-dimethylamino)acetyl]piperidin-4-yl}ethoxy)-6-methoxyquinazoline,  
4-(4-bromo-2-fluoroanilino)-7-(2-{1-[(*N,N*-dimethylamino)acetyl]piperidin-4-yl}ethoxy)-6-methoxyquinazoline,  
4-(4-chloro-2-fluoroanilino)-7-({(3*R*)-1-[(*N,N*-dimethylamino)acetyl]piperidin-3-yl}methoxy)-6-methoxyquinazoline,  
20 4-(4-Chloro-2-fluoroanilino)-7-({(3*S*)-1-[(*N,N*-dimethylamino)acetyl]piperidin-3-yl}methoxy)-6-methoxyquinazoline,  
4-(4-bromo-2-fluoroanilino)-6-methoxy-7-{3-[(3*aR*,6*aS*)-tetrahydro-5*H*-[1,3]dioxolo[4,5-*c*]pyrrol-5-yl]propoxy}quinazoline,  
25 4-(4-bromo-2-fluoroanilino)-6-methoxy-7-{2-[(3*aR*,6*aS*)-tetrahydro-5*H*-[1,3]dioxolo[4,5-*c*]pyrrol-5-yl]ethoxy}quinazoline,  
and salts thereof.

14. A compound according to any one of the preceding claims in the form of a  
30 pharmaceutically acceptable salt.

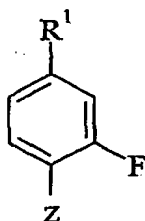
15. A process for the preparation of a compound according to claim 1 of the formula I or salt thereof which comprises:

(a) the reaction of a compound of the formula II:



(II)

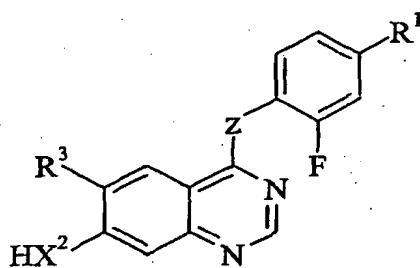
10 wherein R² and R³ are as defined in claim 1 and L¹ is a displaceable moiety, with a compound of the formula III:



(III)

20 wherein R¹ and Z are as defined in claim 1;

(b) the reaction of a compound of the formula IV:



(IV)

30 wherein Z, R¹ and R³ are as defined in claim 1 with a compound of formula V:

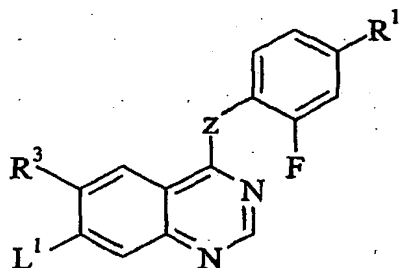


(V)



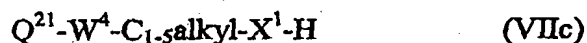
wherein  $R^5$  is  $Q^1$ ,  $Q^{15}$  or  $Q^{21}W^4C_{1-5}alkyl$ ,  $X^2$  is  $X^1$  or  $W^3$  and  $L^1$  is as defined herein and wherein  $Q^1$ ,  $Q^{15}$ ,  $Q^{21}$ ,  $W^4$ ,  $X^1$  and  $W^3$  are as defined in claim 1;

(c) the reaction of a compound of the formula VI:



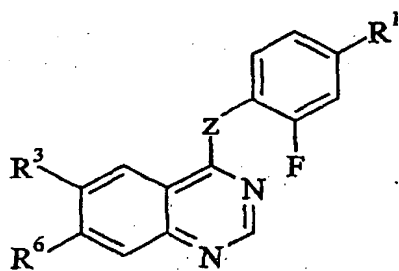
(VI)

with a compound of the formula VIIa-c:



(wherein  $L^1$  is as defined herein and  $R^1$ ,  $R^3$ ,  $Z$ ,  $Q^1$ ,  $Q^{15}$ ,  $Q^{21}$ ,  $W^3$ ,  $W^4$  and  $X^1$  are as defined in claim 1);

(d) the deprotection of a compound of the formula VIII:

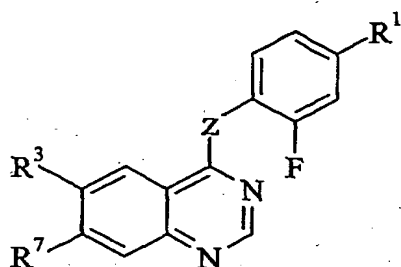


(VIII)

wherein  $R^1$ ,  $R^3$  and  $Z$  are all as defined in claim 1, and  $R^6$  represents a protected  $R^2$  group

wherein  $R^2$  is as defined in claim 1 but additionally bears one or more protecting groups  $P^2$ ;

(e) the addition of a substituent to a compound of the formula IX:



(IX)

wherein  $R^1$ ,  $R^3$  and  $Z$  are as defined in claim 1, and  $R^7$  represents an  $R^2$  group which has yet to be substituted with its final substituent;

10 and when a salt of a compound of formula I is required, reaction of the compound obtained with an acid or base whereby to obtain the desired salt.

16. A pharmaceutical composition which comprises a compound of the formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof, in association with a  
15 pharmaceutically acceptable excipient or carrier.

17. Use of a compound of the formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for use in the production of an antiangiogenic and/or vascular permeability reducing effect in a warm-blooded animal.

20 18. A method for producing an antiangiogenic and/or vascular permeability reducing effect in a warm-blooded animal, such as a human being, in need of such treatment which comprises administering to said animal an effective amount of a compound of formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof.

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